



## Zirconium Replacement-25%

### Packaging Available

Name Of Party : **IQOSA IMPEX PVT. LTD**  
For Free Sample Contact : **82007 67077**  
Sample Name & Code : **Zirconium Replacement - 25%**  
Test Requirement : **Physical & Chemical Analysis & ZrO2**  
Report No. : **641/LB24/01**  
Date Of Received : **15-01-24**

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**Web :** [www.iqosaimpex.com](http://www.iqosaimpex.com)  
**Mail :** [Iqosaimpex@gmail.com](mailto:Iqosaimpex@gmail.com)

#### Address :

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Akshar business centre, second floor at  
of Jambudiya Village, District - Morbi 363642,  
Gujarat , India



# About

## Zirconium Replacement-25%

Zircon Replacement Is Produced By Activation Of Having A Very White Color, High Brightness And Very Low Iron Content Which Provides A Big Advantages For Colour Sensitive Ceramic And Tile Products.

Now A Days Very High Increasing Rate In Zirconium Powder, Replacement Have Comperitively More Efficiency In Pricing And Quality Of Whiteness And Shrinkage.

# Technical Data Sheet

## Zirconium Replacement-25%

| Compound                       | Result % | Physical Properties | Result %  |
|--------------------------------|----------|---------------------|-----------|
| SiO <sub>2</sub>               | 18.91    | Shrinkage %         | 1.91      |
| Al <sub>2</sub> O <sub>3</sub> | 51.79    | Loss on ignition    | 1.12      |
| Fe <sub>2</sub> O <sub>3</sub> | 0.48     | Residue 300#%       | 0.28      |
| TiO <sub>2</sub>               | 0.02     | L*                  | 93.01     |
| CaO                            | 0.34     | A*                  | -0.5      |
| MgO                            | 0.11     | B*                  | 6.73      |
| K <sub>2</sub> O               | 0.18     | Whiteness           | 81.74     |
| Na <sub>2</sub> O              | 1.84     | Temperature C       | 1188-1205 |
| LOSS (1025 )                   | 1.4      | Cycle Min.          | 45        |
| Zr(HF)O <sub>2</sub>           | 24.68    |                     |           |